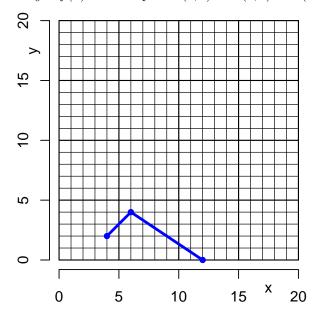
## PCW\_09\_18 Find new points after transformation (version 27)

## Question 1

Curve y = f(x) contains points (4,2) and (6,4) and (12,0), as shown on the x-y plane below.



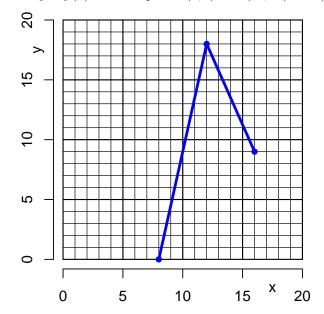
$$y = f(x)$$

On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x+4}{2}\right] + 6$$

## Question 2

Curve y = f(x) contains points (8,0) and (12,18) and (16,9), as shown on the x-y plane below.



y = f(x)

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2x - 2] + 6}{3}$$